

ABSTRACT OF THE DISCLOSURE

5 A method and system for distributed configuration  
management of a network. A plurality of nodes within the  
network each includes a database which collectively  
10 comprise a distributed database. When a node needs to  
store network configuration information it stores the  
information within its local database storage portion and  
transmits the information over the network for storage in  
at least one other peer node that utilizes the  
15 information. Each peer node stores the information  
within its local portion of the distributed database upon  
receipt. The transmitting node awaits an acknowledgement  
that the information has been stored by a peer. In the  
event no acknowledgement is received, the node  
20 retransmits the information for storage using a second  
command and the information is stored in other nodes  
whether or not they are peers of the transmitting node.  
In this manner, network configuration information is  
stored in at least two nodes within the network. The  
stored configuration information is retrievable by any of  
the nodes and is updated by each node in accordance with  
a defined update protocol to maintain the most current  
information.

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